

FIG. 1

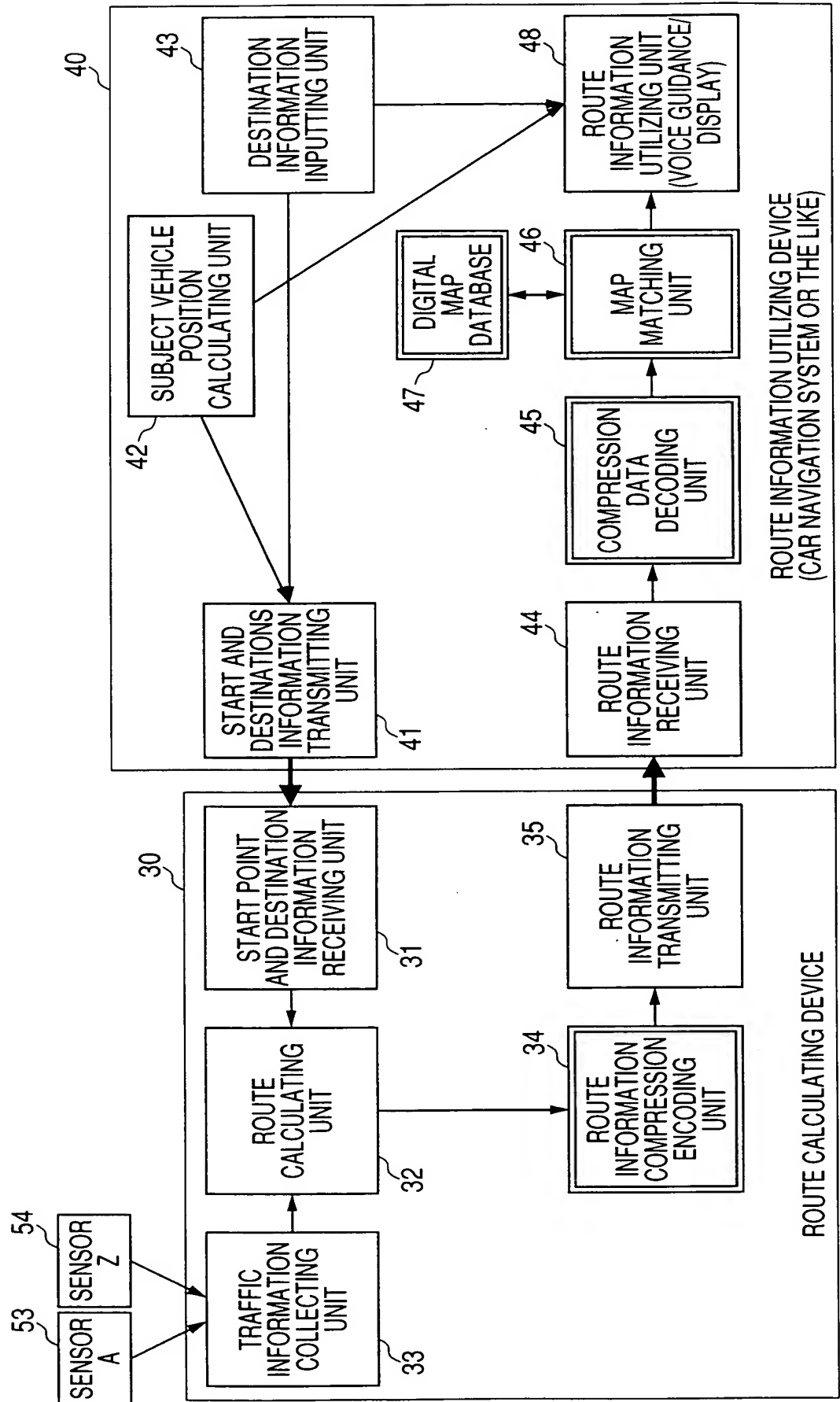


FIG. 2

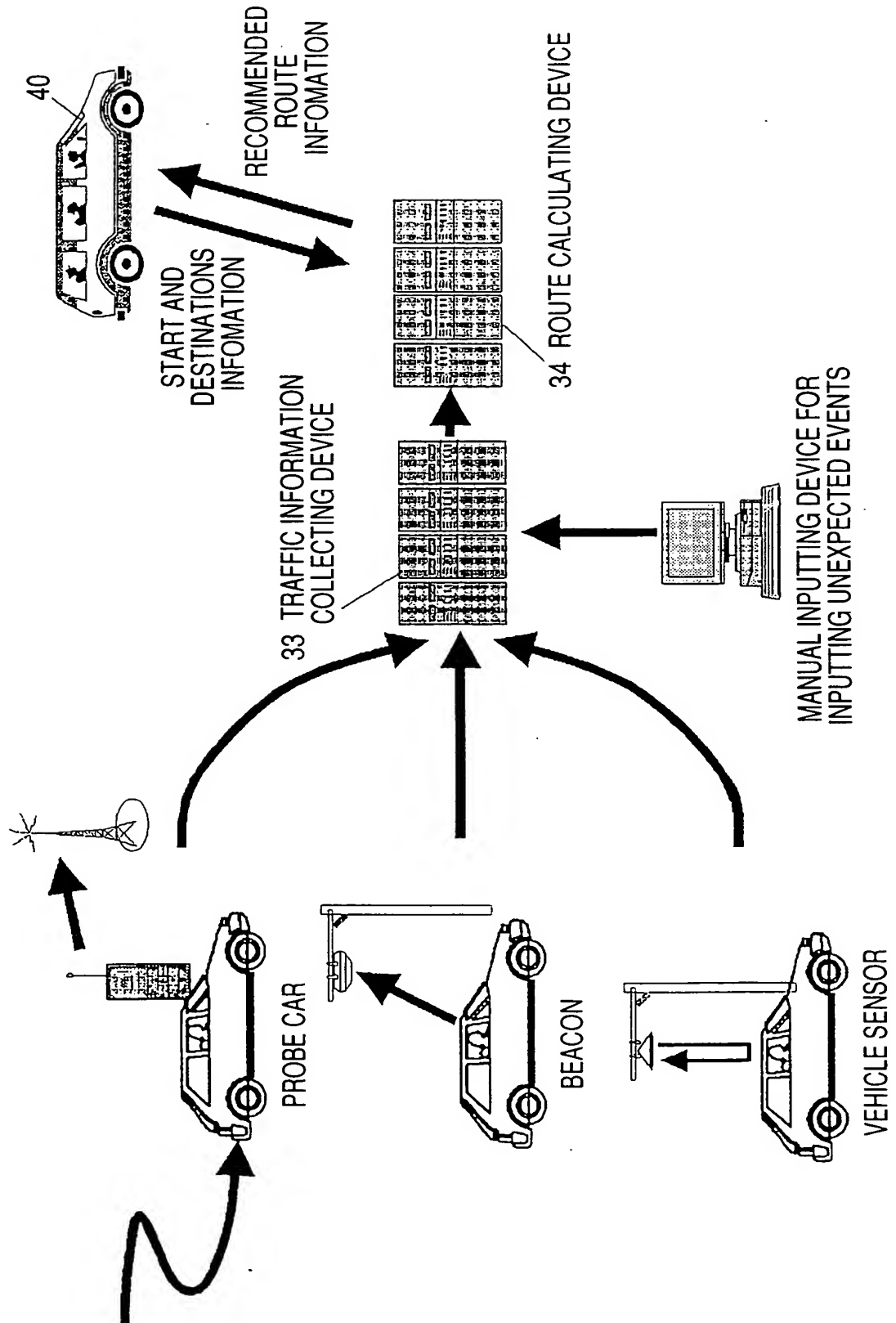


FIG. 3

HEADER INFORMATION
ENCODING PARAMETERS
THE NUMBER OF ROUTES TO BE PROVIDED
TRAVELING TIME FOR ROUTE 1
SHAPE DATA OF ROUTE 1 (VARIABLE LENGTH CODED SHAPE INFORMATION ON DEVIATION ANGLE AND DEVIATION ANGLE EXPECTED DIFFERENCE)
TRAVELING TIME FOR ROUTE 2
SHAPE DATA OF ROUTE 2 (VARIABLE LENGTH CODED SHAPE INFORMATION ON DEVIATION ANGLE AND DEVIATION ANGLE EXPECTED DIFFERENCE)
}

FIG. 4(a)

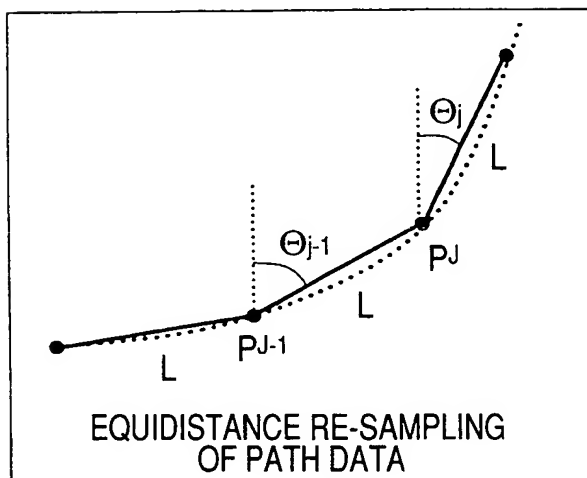


FIG. 4(b)

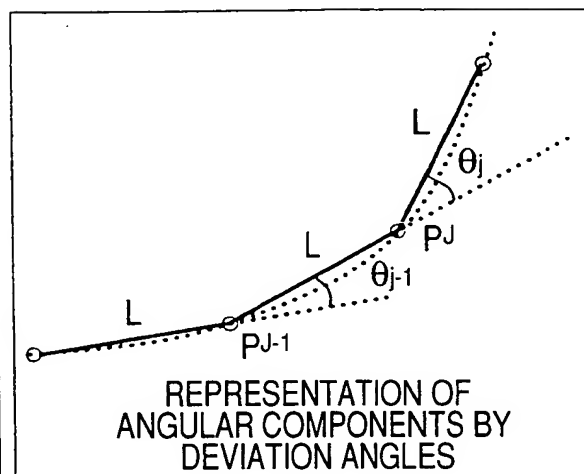


FIG. 4(c)

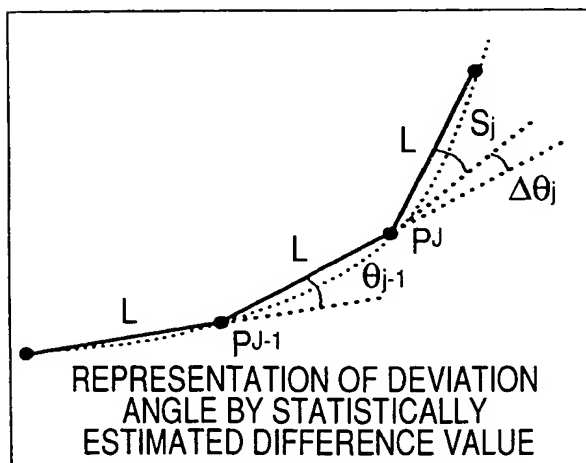


FIG. 4(d)

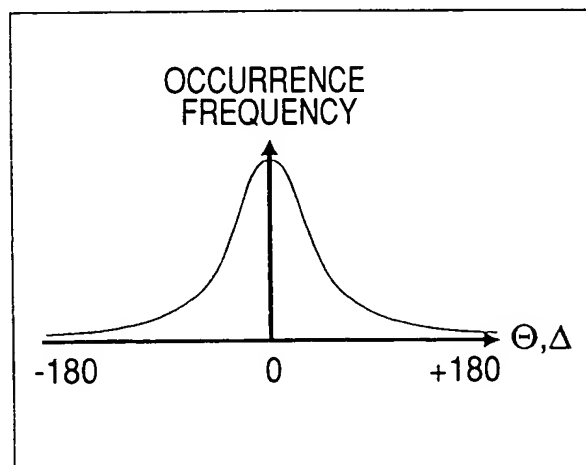


FIG. 5

SPECIAL CODES		CODES	ADDITIONAL BITS	
EOD CODES		1100	0	
INPUT VALUES		CODES	ADDITIONAL BITS	RANGE OF $\Delta\theta(^{\circ})$
RUN LENGTH	VALUE OF $\Delta\theta(^{\circ})$			
0	0	0	0	-1 ~ +1
5	0	100	0	"
10	0	1101	0	"
0	± 3	1110	1 (\pm IDENTIFICATION)	$\pm 2 \sim 4$
0	± 6	111100	1 (\pm IDENTIFICATION)	$\pm 5 \sim 7$
0	± 9	111101	1 (\pm IDENTIFICATION)	$\pm 8 \sim 10$
}				

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FIG. 6

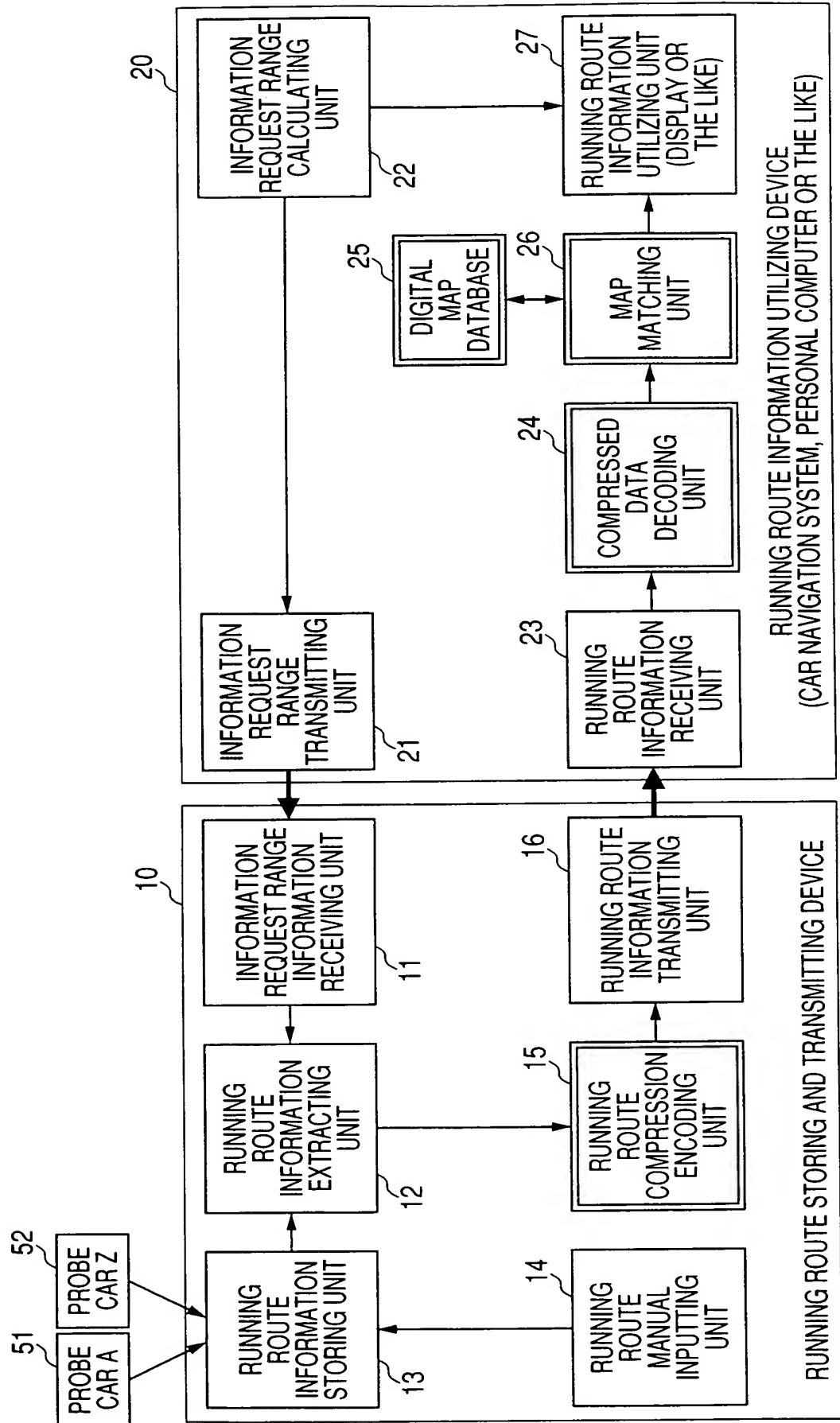


FIG. 7

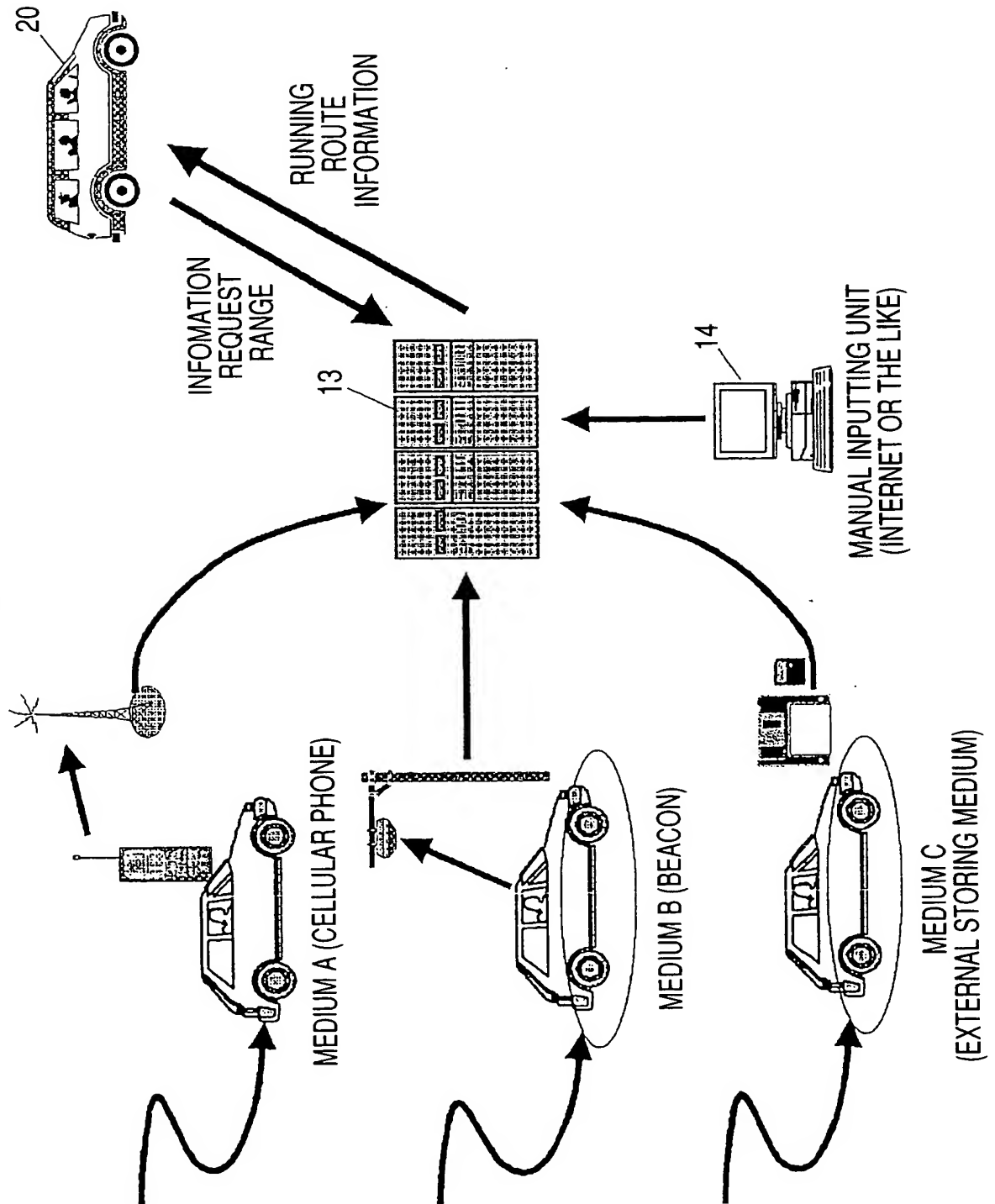


FIG. 8

HEADER INFORMATION
ENCODING PARAMETERS
THE NUMBER OF PATH DATA TO BE PROVIDED
PROFILE OF TRAVELING PATH 1 (YEAR, MONTH, DAY, TIME, TRAVELING TIME, AND THE LIKE)
SHAPE DATA OF TRAVELING PATH 1 (VARIABLE LENGTH ENCODED SHAPE INFORMATION OF DEVIATION ANGLE AND DEVIATION ANGLE ESTIMATED DIFFERENCE)
PROFILE OF TRAVELING PATH 2 (YEAR, MONTH, DAY, TIME, TRAVELING TIME, AND THE LIKE)
SHAPE DATA OF TRAVELING PATH 2 (VARIABLE LENGTH ENCODED SHAPE INFORMATION OF DEVIATION ANGLE AND DEVIATION ANGLE ESTIMATED DIFFERENCE)
}